

WHAT IS CLAIMED IS:

1. A data editing method for editing MPEG-2
transport stream data recorded on a disk form
recording medium having a plurality of sectors, the
5 data editing method comprising:

detecting a common boundary position which is
located before one of a divide position and a combine
position in data designated, and meets a packet
boundary and a sector boundary; and
10 performing one of a dividing process and a
combining process for the data at the common boundary
position as a reference.

2. A data editing method according to claim 1,
15 wherein data between the designated divide position
and the detected common boundary position is
overwritten with dummy packet data.

3. A data editing method according to claim 2,
20 wherein the dummy packet data is one of private data
and NULL packet data where data expansion is not
performed.

4. A data editing method according to claim 1,
25 wherein:

one part of the data subjected to the dividing
process is managed based on information showing a

start position of the data, and information showing a data size from the start position to the common boundary position; and

the other part of the data subjected to the
5 dividing process is managed based on information showing the common boundary position, and information showing a data size from the common boundary position to an end position of the data.

10 5. A data editing method according to claim 1, wherein the data subjected to the combining process is managed based on information showing a start position of one part of the data, and information showing a data size from the start position to the
15 common boundary position and a data size from a start position of the other part of the data to an end position.

20 6. A data editing method according to claim 1, wherein data between the designated combine position and the detected common boundary position is discarded.